| L Number | Hits | Search Text  | DB        | Time stamp       |
|----------|------|--|-----------|------------------|
| -        | 0    | PCB with flip with grease  | USPAT;    | 2002/12/06 14:57 |
|          |      |  | US-PGPUB; | 1                |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT;  |                  |
|          |      |  | IBM_TDB   |                  |
| -        | 2    | PCB with flip same dam with epoxy  | USPAT;    | 2002/12/06 14:58 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT;  |                  |
|          |      |  | IBM TDB   |                  |
| _        | 151  | PCB with flip and 257/\$.ccls.   | USPAT;    | 2002/12/06 15:01 |
| ŀ        |      | •  | US-PGPUB; |                  |
| [        |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT;  |                  |
|          |      |  | IBM TDB   |                  |
| _        | 3    | ("5296739"   "5579212"   "5717248").PN.  | USPAT     | 2002/12/06 15:00 |
| l _      | 15   | ("4182781"   "4970571"   "5196371"   | USPAT     | 2002/12/06 15:01 |
| 1        |      | "5258577"   "5468681"   "5468995"  |           |                  |
|          |      | "5478007"   "5485038"   "5486721"  |           | 1                |
|          |      | "5489804"   "5491612"   "5493437"  |           |                  |
|          |      | "5521432"   "5561320"   "5674780").PN.   |           |                  |
|          | 215  | underfill with flip and 257/\$.ccls.   | USPAT;    | 2002/12/06 15:02 |
| -        | 213  | anderiti with titp and 201/9.0013.   | US-PGPUB; | ,,               |
|          |      |  | EPO; JPO; | 1                |
|          |      |  | DERWENT;  |                  |
|          |      |  | IBM TDB   |                  |
|          |      | 3 513 111 631 4 057/0 1-   | US-PGPUB  | 2002/12/06 15:02 |
| -        | 55   |  |           | 2002/12/06 15:07 |
| -        | 160  | underfill with flip and 257/\$.ccls.   | USPAT     | 2002/12/06 15:03 |
| _        | 5    | ("5396403"   "5450283"   "5490324"   | USPAT     | 2002/12/00 13.03 |
|          |      | "5672548"   "5891753").PN.   | TICDAM.   | 2002/12/06 15:03 |
| _        | 26   |  | USPAT     | 2002/12/06 15:03 |
|          |      | "4873615"   "5081067"   "5113241"  |           |                  |
|          |      | "5201866"   "5218234"   "5239200"  |           |                  |
|          |      | "5249101"   "5289346"   "5291064"  |           |                  |
|          |      | "5371404"   "5379191"   "5396403"  |           |                  |
|          |      | "5432675"   "5438216"   "5450283"  |           |                  |
|          |      | "5468995"   "5477082"   "5488254"  |           |                  |
|          |      | "5489801"   "5610442"   "5672548"  |           |                  |
|          |      | "5734201"   "5801836").PN.   |           |                  |
| -        | 23   | ("3458925"   "4000509"   "4092697"   | USPAT     | 2002/12/06 15:05 |
|          |      | "4604644"   "4701482"   "4742024"  |           |                  |
|          | 1    | "4825284"   "4878108"   "4914551"  |           |                  |
|          |      | "5041902"   "5097318"   "5121190"  |           |                  |
|          |      | "5147084"   "5159535"   "5168430"  | 1         |                  |
|          |      | "5198693"   "5251100"   "5262927"  | 1         |                  |
|          |      | "5291064"   "5367196"   "5375320"  |           |                  |
|          | 1    | "5455457"   "5461257").PN.   |           |                  |
| -        | 42   | 5672548.URPN.  | USPAT     | 2002/12/06 15:06 |
|          | 1    | 5883430.pn.  | USPAT     | 2002/12/06 15:08 |
| -        | 1    | 5726079.pn.  | USPAT     | 2002/12/06 15:35 |
| -        | 6    | ("5289346"   "5359768"   "5405809"   | USPAT     | 2002/12/06 15:15 |
|          |      | "5410451"   "5471027"   "5490324").PN.   |           |                  |
| -        | 6    | ("5289346"   "5359768"   "5405809"   | USPAT     | 2002/12/06 15:22 |
|          |      | "5410451"   "5471027"   "5490324").PN.   |           |                  |
| 1_       | 13   | 5726079.URPN.  | USPAT     | 2002/12/06 15:22 |
| _        | 11   | The second secon | USPAT     | 2002/12/06 15:25 |
|          | 1    | "5172213"   "5371404"   "5396403"  |           |                  |
|          |      | "5450283"   "5619070"   "5672548"  |           |                  |
|          |      | "5883430"   "5892289").PN.   |           | 1                |
| 1_       | 12   |  | USPAT     | 2002/12/06 15:26 |
| 1        | ""   | "3564109"   "3777221"   "4177480"  |           |                  |
|          |      | "4278991"   "4811081"   "4825284"  |           |                  |
|          |      | "5113241"   "5175613"   "5218234").PN.   |           |                  |
| 1_       | 109  |  | USPAT     | 2002/12/06 15:28 |
| L        | 109  | DOLLAGI. OUTU.   |           |                  |

| [ -   | 43       | ("4530152"   "4663652"   "4691         | 225"                                  | USPAT | 2002/12/06 15:29 |
|-------|----------|--|---------------------------------------|-------|------------------|
|       |          | "4760440"   "4801998"   "48644         | 70"                                   |       |                  |
| ŀ     |          | "5118370"   "5200631"   "52411         | 33"                                   |       |                  |
|       |          | "5331512"   "5336931"   "53528         |                                       |       |                  |
|       |          | "5357056"   "5371404"   "54362         | 03"                                   |       |                  |
|       |          | "5438216"   "5478007"   "54954         | 50"                                   |       |                  |
|       |          | "5577319"   "5639989"   "56542         | 13"                                   |       |                  |
|       |          | "5656857"   "5753857"   "57767         | 98"                                   |       |                  |
|       |          | "5784260"   "5786589"   "58083         | 30"                                   |       |                  |
|       |          | "5861680"   "5866953"   "58673         | 68"                                   | •     |                  |
|       | į        | "5893723"   "5895222"   "59397         | 34"                                   |       |                  |
|       |          | "5949655"   "5950074"   "59628         | 10"                                   |       |                  |
|       |          | "5969461"   "5972738"   "59813         | 14"                                   |       |                  |
|       |          | "5989941"   "6034429"   "60922         | 31"                                   |       |                  |
|       |          | "6117705").PN.                         |                                       |       | ,                |
| -     | 25       | ("3657610"   "4191905"   "4266         | 156"                                  | USPAT | 2002/12/06 15:32 |
|       |          | "4405875"   "4604644"   "46611         | 92"                                   |       |                  |
|       |          | "4699682"   "4734608"   "47361         | 28"                                   |       |                  |
|       |          | "4737742"   "4864470"   "49930         | 00"                                   |       |                  |
|       |          | "5014111"   "5090119"   "50952         | 40"                                   |       |                  |
|       | i l      | "5120678"   "5252882"   "52818         | 33 <b>"</b>                           |       |                  |
|       |          | "5359494"   "5390401"   "54383         | 05" i                                 |       |                  |
|       |          | "5459368"   "5471722"   "55049         | 80" i                                 |       |                  |
|       |          | "5900581").PN.                         | ·                                     |       |                  |
| i - ' | 37       | 5459368.URPN.                          |                                       | USPAT | 2002/12/06 15:33 |
| _     | 28       |  | 153"                                  | USPAT | 2002/12/06 15:34 |
|       |          | "4323914"   "4358552"   "45076         | 75"                                   |       |                  |
| 1     | ľ        | "4642671"   "4801998"   "49318         | 52" i                                 |       |                  |
|       | ľ        | "4961107"   "5051275"   "51014         | 65"                                   |       |                  |
|       | 1        | "5144747"   "5173764"   "51949         | 30" i                                 |       |                  |
|       | ļ .      | "5311060"   "5379186"   "53943         | 03" i                                 |       |                  |
|       | <b>[</b> | "5434105"   "5436203"   "54502         | 83" i                                 |       |                  |
|       | 1        | "5488254"   "5489538"   "54898         | 01" i                                 |       |                  |
|       | !        | "5552635"   "5641997"   "56568         | 57" i                                 |       |                  |
|       |          | "5659952").PN.                         | -                                     |       |                  |
| _     | 743      | dam and 257/\$.ccls.                   |                                       | USPAT | 2002/12/06 15:36 |
| _     | 76       | (dam and 257/\$.ccls.) and dam         | with epoxy                            | USPAT | 2002/12/06 15:49 |
| -     | 13       | ("5475040"   "5583378"   "5786         |                                       | USPAT | 2002/12/06 15:37 |
|       |          | "5834337"   "5843810"   "58917         |                                       |       |                  |
|       |          | "5907189"   "5910010"   "59308         |                                       |       |                  |
|       |          | "6011304"   "6175157"   "62151         |                                       |       |                  |
|       |          | "6218202").PN.                         | ' '                                   |       |                  |
| _     | 0        | 6424033.URPN.                          |                                       | USPAT | 2002/12/06 15:38 |
| 1_    | ١ ٥      | 6424033.URPN.                          |                                       | USPAT | 2002/12/06 15:38 |
| _     | Ö        | 6424033.URPN.                          |                                       | USPAT | 2002/12/06 15:38 |
| _     | 1        | 6038136.pn.                            |                                       | USPAT | 2002/12/06 15:49 |
| _     | 5        | 6038136.URPN.                          |                                       | USPAT | 2002/12/06 15:51 |
| _     | 57       |  | 105"                                  | USPAT | 2002/12/06 15:51 |
|       | "        | "4644445"   "4770899"   "48597         |                                       |       |                  |
|       |          | "5120678"   "5186383"   "52003         |                                       |       |                  |
|       |          | "5203076"   "5210938"   "52182         | •                                     |       |                  |
|       |          | "5249101"   "5266748"   "52694         | •                                     |       |                  |
|       |          | "5296738"   "5323947"   "53552         |                                       |       |                  |
|       |          | "5371404"   "5380560"   "53858         |                                       |       |                  |
|       |          | "5400950"   "5408121"   "54391         | · ·                                   |       |                  |
|       |          | "5461922"   "5468995"   "55351         | · ·                                   |       |                  |
|       |          | "5557150"   "5565709"   "55811         | · ·                                   |       |                  |
|       |          | "5590462"   "5612576"   "56190         |                                       |       |                  |
|       |          | "5633535"   "5641996"   "57007         | ,                                     |       |                  |
|       |          | "5700723"   "5704116"   "57083         | •                                     |       |                  |
|       |          | "57100723                              | · · · · · · · · · · · · · · · · · · · |       |                  |
|       | 1        | "5767446"   "5814882"   "58279         | ·                                     |       |                  |
|       | 1        | "5841192"   "5880017"   "58922         | •                                     |       |                  |
|       | 1        | "5981312"   "6000924"   "60275         |                                       |       |                  |
|       |          |  | •                                     |       |                  |
|       |          |  | 89").PN.                              |       |                  |
| 1     | I        | "6081997"   "6107 <u>689"   "61216</u> | UJ J.EN.                              |       |                  |

|     |  |  |                        | 222242424        |
|-----|--|--|------------------------|------------------|
| -   | 57                                     | ("4143456"   "4545610"   "4573105"                                       | USPAT                  | 2002/12/06 15:51 |
|     |  | "4644445"   "4770899"   "4859722"  |                        |                  |
|     |  | "5120678"   "5186383"   "5200366"  |                        |                  |
|     |  | "5203076"   "5210938"   "5218234"  <br>"5249101"   "5266748"   "5269453" |                        |                  |
|     |  | "5296738"   "5323947"   "5355283"  |                        |                  |
|     |  | "5371404"   "5380560"   "5385869"  |                        |                  |
|     |  | "5400950"   "5408121"   "5439162"  |                        | 1                |
|     |  | "5461922"   "5468995"   "5535101"  |                        |                  |
|     |  | "5557150"   "5565709"   "5581122"  | İ                      |                  |
|     |  | "5590462"   "5612576"   "5619070"  |                        |                  |
|     |  | "5633535"   "5641996"   "5700715"  | ļ                      |                  |
|     |  | "5700723"   "5704116"   "5708304"  |                        |                  |
|     |  | "5710071"   "5731231"   "5736789"  <br>"5767446"   "5814882"   "5827999" |                        |                  |
|     | 1                                      | "5767446"   "5814882"   "5827999"  <br>"5841192"   "5880017"   "5892290" |                        |                  |
|     |  | "5981312"   "6000924"   "6027590"  |                        |                  |
|     | Ì                                      | "6054755"   "6057597"   "6074897"  |                        |                  |
|     |  | "6081997"   "6107689"   "6121689").PN.                                   |                        |                  |
| -   | 19                                     | 5633535.URPN.  | USPAT                  | 2002/12/06 20:10 |
| -   | 16                                     | ("5523628"   "5569960"   "5633535"                                       | USPAT                  | 2002/12/06 16:00 |
|     |  | "5714803"   "5751068"   "5759875"  |                        |                  |
| ]   |  | "5872400"   "6049124"   "6142358"  |                        |                  |
|     |  | "6181015"   "6184062"   "6201301"  <br>"6225418"   "6285079"   "6297551" |                        |                  |
|     |  | "6225418"   "6285079"   "6297551"  <br>"6313528").PN.                    |                        |                  |
| _   | 26                                     | glob with top with metal   | USPAT;                 | 2002/12/06 17:45 |
|     | 20                                     | glob with top with moter   | US-PGPUB;              |                  |
|     |  |  | EPO; JPO;              |                  |
|     |  |  | DERWENT;               |                  |
|     |  |  | IBM_TDB                | 0000/10/06 10:02 |
| -   | 92                                     | standoffs with epoxy   | USPAT;                 | 2002/12/06 18:02 |
|     |  |  | US-PGPUB;<br>EPO; JPO; |                  |
|     |  |  | DERWENT;               |                  |
|     |  |  | IBM TDB                |                  |
| _   | 2                                      | "6424033" .pn.   | USPAT;                 | 2002/12/06 18:02 |
|     | _                                      | •  | US-PGPUB;              |                  |
|     |  |  | EPO; JPO;              |                  |
|     |  |  | DERWENT;               |                  |
|     |  | 5.000505 PM  | IBM_TDB<br>USPAT       | 2002/12/06 20:10 |
| -   | $\begin{bmatrix} 1 \\ 2 \end{bmatrix}$ | 5633535.PN.  | USPAT;                 | 2002/12/00 20:10 |
| _   | 2                                      | 6424033.pn.  | US-PGPUB;              | 2002, 22, 01     |
|     |  |  | EPO; JPO;              |                  |
|     |  |  | DERWENT;               |                  |
|     |  |  | IBM_TDB                | 0000/40/07 :- 55 |
| -   | 917                                    | silicone with melting with point   | USPAT;                 | 2002/12/07 15:22 |
|     |  |  | US-PGPUB;              |                  |
|     |  |  | EPO; JPO; DERWENT;     |                  |
|     |  |  | IBM TDB                |                  |
| _   | 6                                      | silicone with grease with melting with                                   | USPAT;                 | 2002/12/07 15:23 |
| _   | 0                                      | point  | US-PGPUB;              |                  |
|     |  |  | EPO; JPO;              |                  |
|     | 1                                      |  | DERWENT;               |                  |
|     |  |  | IBM_TDB                | 0000/10/07 15:00 |
| [ - | 22                                     | silicone with grease with melting  | USPAT;                 | 2002/12/07 15:23 |
|     |  |  | US-PGPUB;<br>EPO; JPO; |                  |
|     |  |  | DERWENT;               | 1                |
|     | 1                                      |  | IBM TDB                |                  |
| _   | 16                                     | (silicone with grease with melting ) not                                 | USPAT;                 | 2002/12/07 16:35 |
|     |  | (silicone with grease with melting with                                  | US-PGPUB;              |                  |
|     |  | point)   | EPO; JPO;              |                  |
|     |  |  | DERWENT;               |                  |
|     |  |  | IBM TDB                |                  |

| [ - | 108   | andujar                                   | USPAT;    | 2002/12/07 15:46 |
|-----|-------|---|-----------|------------------|
|     |       |   | US-PGPUB; |                  |
|     |       |   | EPO; JPO; | 1                |
|     |       |   | DERWENT;  |                  |
|     |       |   | IBM_TDB   |                  |
| -   | 32    | andujar with leonardo                     | USPAT;    | 2002/12/07 15:57 |
|     | ļ     |   | US-PGPUB; |                  |
|     | j     |   | EPO; JPO; | 1                |
|     |       |   | DERWENT;  |                  |
|     |       |   | IBM_TDB   |                  |
| -   | 10535 | (257/685-687,690, 707, 712, 714, 723,     | USPAT;    | 2002/12/07 15:59 |
|     |       | 787-789,795 "796").ccls.                  | US-PGPUB; | 1                |
|     |       | ·   | EPO; JPO; |                  |
|     |       |   | DERWENT;  | 1                |
| 1   |       |   | IBM_TDB   |                  |
| -   | 132   | ,   | USPAT;    | 2002/12/07 16:01 |
|     |       | 787-789,795 "796").ccls.) and grease with | US-PGPUB; |                  |
|     |       | (chip die semiconductor IC integrated adj | EPO; JPO; |                  |
|     |       | circuit)                                  | DERWENT;  |                  |
|     |       | ·   | IBM TDB   |                  |

Search History 12/9/02 10:04:33 AM